

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702-2 REV. A OR LATER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 4 OR LATER

REF. TCCA STC: SH04-7  
REF. FAA STC: SR01997NY  
REF. EASA STC: EASA.IM.R.S.00710

## 1.0 PURPOSE

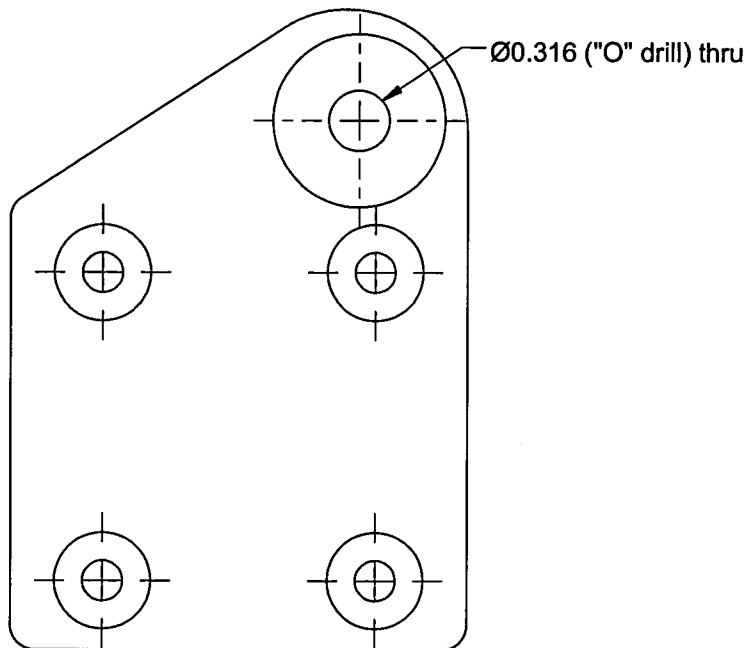
The purpose of this Dart Service Instruction (DSI) is to permit customers to enlarge the attachment hole diameter of the D3573-7/-8 Adapter up to a maximum of  $\varnothing 0.316$  to allow the use of an AN5-XX Bolt in conjunction with a NAS1149D0563J Washer for the installation of the D412-702-XXX Shoulder Harness Kits on aircraft where the existing attachment hardware has been upsized in this area.

## 2.0 PROCEDURE

1. Locate  $\varnothing 0.201$  hole in D3573-7/-8 Adapter and enlarge to  $\varnothing 0.316$  ("O" drill) as shown in Figure 1 of this service instruction.
2. Deburr and touch up finish in accordance with Chapter 5 of ICA-D412-702.
3. Install/reinstall the reworked adapter plate as per Section 3 of IIN-D412-702-2 or Chapter 25 of ICA-D412-702 using a NAS1149D0563J Washer and an AN5-XX Bolt of appropriate length to ensure the installation is properly secured as shown in Figure 2 of this service instruction.

## 3.0 WEIGHT AND BALANCE

This modification has negligible effect on weight and balance.



**FIGURE 1: Adapter Hole Modification**  
(D3573-7 SHOWN, D3573-8 SIMILAR)

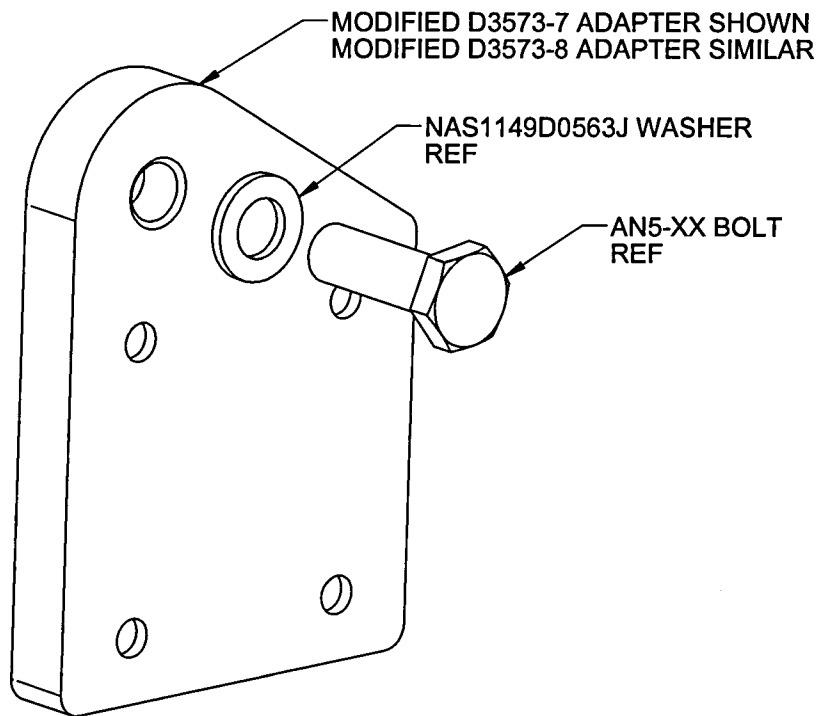
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 17.01.18  
CERT. NO.: SH04-7  
ISSUE NO.: 3

APPROVED

A	NEW ISSUE (PAR15-438)		JMH	17.01.18
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MFG. APPR.	N/A	DSI 9772	SHEET 1 OF 2	
APPROVED	WM	TITLE	SCALE	
DE APPR.	DS	ADAPTER HOLE UPSIZING	NTS	
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**FIGURE 2: Adapter Installation**  
(D3573-7 Shown, D3573-8 Similar)

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**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **DSI 9772** REV. A  
SHEET 2 OF 2

TITLE **ADAPTER HOLE UPSIZING** SCALE NTS

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